

Dimensions to EN 50047



RS1 13 10
RS2 13 10
RS3 13 10

Order code	Contacts	Ring material	Qty per pkg	Wt
			n°	[kg]
Without reset button.				
RS1 13 10	1NO+1NC Snap action	Steel	1	0.090
RS2 13 10	1NO+1NC Slow action	Steel	1	0.090
RS3 13 10	2NO Slow action	Steel	1	0.090

Dimensions to EN 50041



TS1 13 - TL1 10

Order code	Contacts	Ring material	Qty per pkg	Wt
			n°	[kg]
Without reset button.				
TS1 13 10	1NO+1NC Snap action	Steel	1	0.117
TL1 13 10	1NO+1NC Slow action	Steel	1	0.117

Type	▶ Forward travel of snap action contacts ◀ Return travel of snap action contacts □ open ■ closed
RS1 13...	▶ 21-22 ◀ 13-14 0 [mm (in)] 6 (0.24")
RS2 13...	▶ 21-22 ◀ 13-14 0 [mm (in)] 6 (0.24")
RS3 13...	▶ 21-22 ◀ 11-12 0 [mm (in)] 6 (0.24")
TS1 13...	▶ 21-22 ◀ 13-14 0 [mm (in)] 6 (0.24")
TL1 13...	▶ 21-22 ◀ 13-14 0 [mm (in)] 6 (0.24")

General characteristics

The RS and T series limit switches are designed and manufactured according to European standards for dimensions and operating characteristics.

The double-insulated housing of the limit switch is made of glass-reinforced self-extinguishing polyamide resin to protect internal circuits against shocks or impacts and in industrial environments, against accidental ingress of tools and accidental contact.

The contacts are dimensioned to ensure self cleaning of the silver-alloy contact surfaces.

Operational characteristics

- Maximum operating rate: 3600 cycles/h for RS...13 10; 1200 cycles/h for T...13 10
- Switching speed: 0.5-1.5m/s
- Mechanical life: >10 million cycles
- IEC utilisation category
 - DC13 duty: 1.5A 24V
 - AC15 duty: 6A 250V
- IEC conventional thermal current I_{th}: 10A
- IEC rated insulation voltage U_i: 250VAC
- Contact resistance: <10mΩ
- Short-circuit backup protection: 10A gG/SC quick fuse
- Operating force: 25N/5.6lb
- Cable entry: PG11 for RS...13 10; PG13.5 for T...13 10
- Cable connection: Self-releasing screw terminal
- Tightening torque:
 - Switch fixing: 2.5Nm / 22.1lbin
 - Contact terminals: 0.8Nm / 7lbin
 - Body lid screw fixing: 0.8Nm / 7lbin
- Conductor section: 1 or 2 2.5mm² max / 16-14 AWG
- Ambient conditions:
 - Operating temperature: -25 ... +70°C
 - Storage temperature: -40...+70°C
 - Pollution degree: 3
 - IEC degree of protection: IP65 for RS...13 10; IP66 for T...13 10.

Certifications and compliance

Certifications obtained: EAC, UL Listed for USA and Canada (cULus - File E93601), as Auxiliary Devices - Limit switches.

Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-5-1, IEC/EN 60204-1, EN 81-1, EN 50041, UL508, CSA C22.2 n° 14.